

9812.1 Humboldt County Coast

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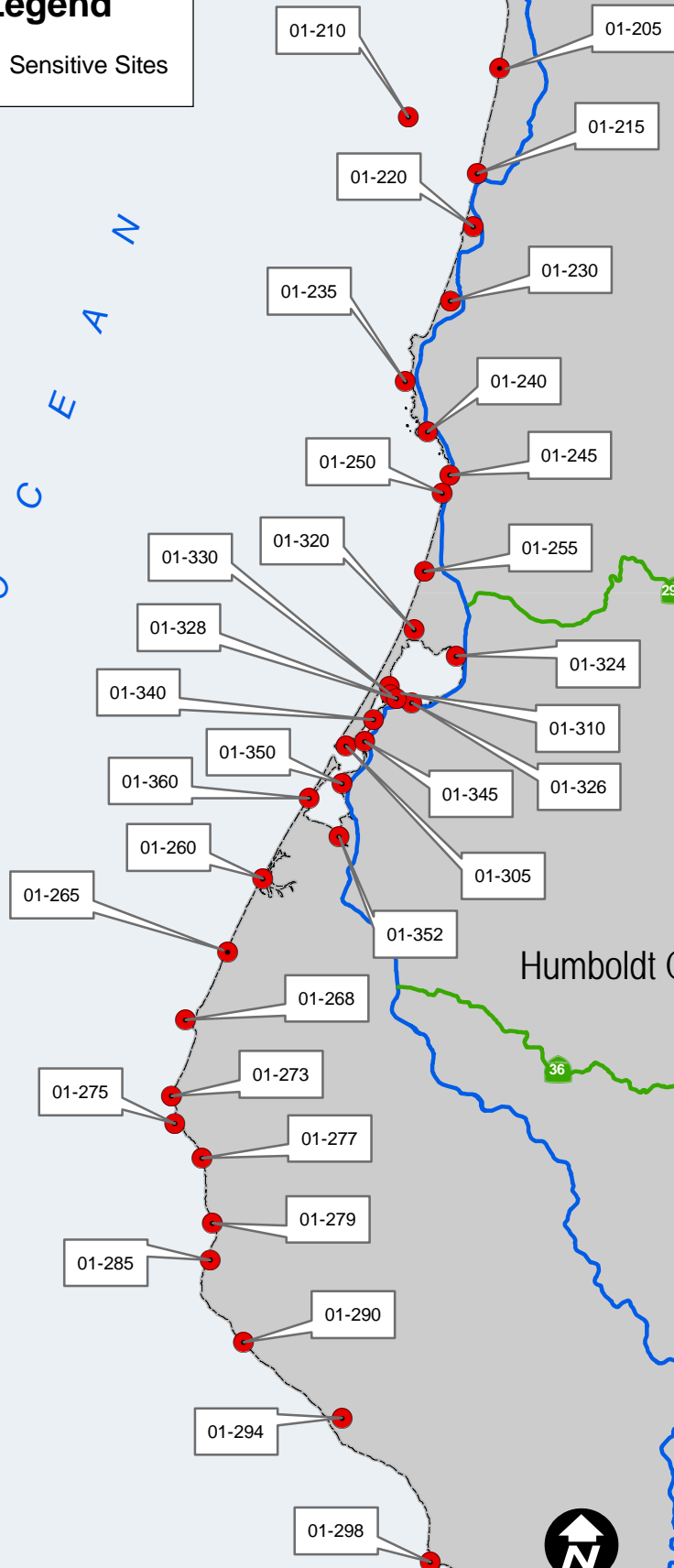


ACP 1 HUMBOLDT COUNTY SENSITIVE SITES

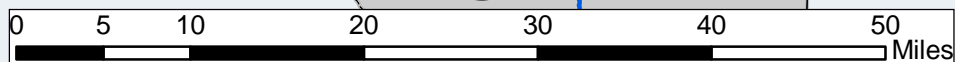


Legend

- Sensitive Sites



Humboldt County



1-205 -A Site Summary- Gold Bluffs Beach

1-205 -A

County: **Humboldt**
USGS Quad: **Fern Canyon**

Thomas Guide Location

Latitude N Longitude W
41 24' 124 04'

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Fine to medium grained sand beach starting at Ossagon Creek (north end) south to Big Lagoon. Espa Lagoon is located here, but far enough from the beach that impacts are unlikely.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Surfperch spawn (4-6)
Surf smelt spawn (5-7)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Yes.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-205 -A Site Strategy - Gold Bluffs Beach

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-205 -A

Latitude N

41 24'

Longitude W

124 04'

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

HAZARDS and RESTRICTIONS:

The road from hwy 101 to the beach is narrow, winding, and mostly unpaved. This road may have closures due to wash outs, flooding, and/or slides. Humboldt County and Redwood Parks should be able to advise.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. Hwy 101 to Davidson Road M.P. 123.82. Go west to Gold Bluffs Beach (3 miles).

LAND ACCESS: See hazards section

WATER LOGISTICS:

Limitations: depth, obstruction

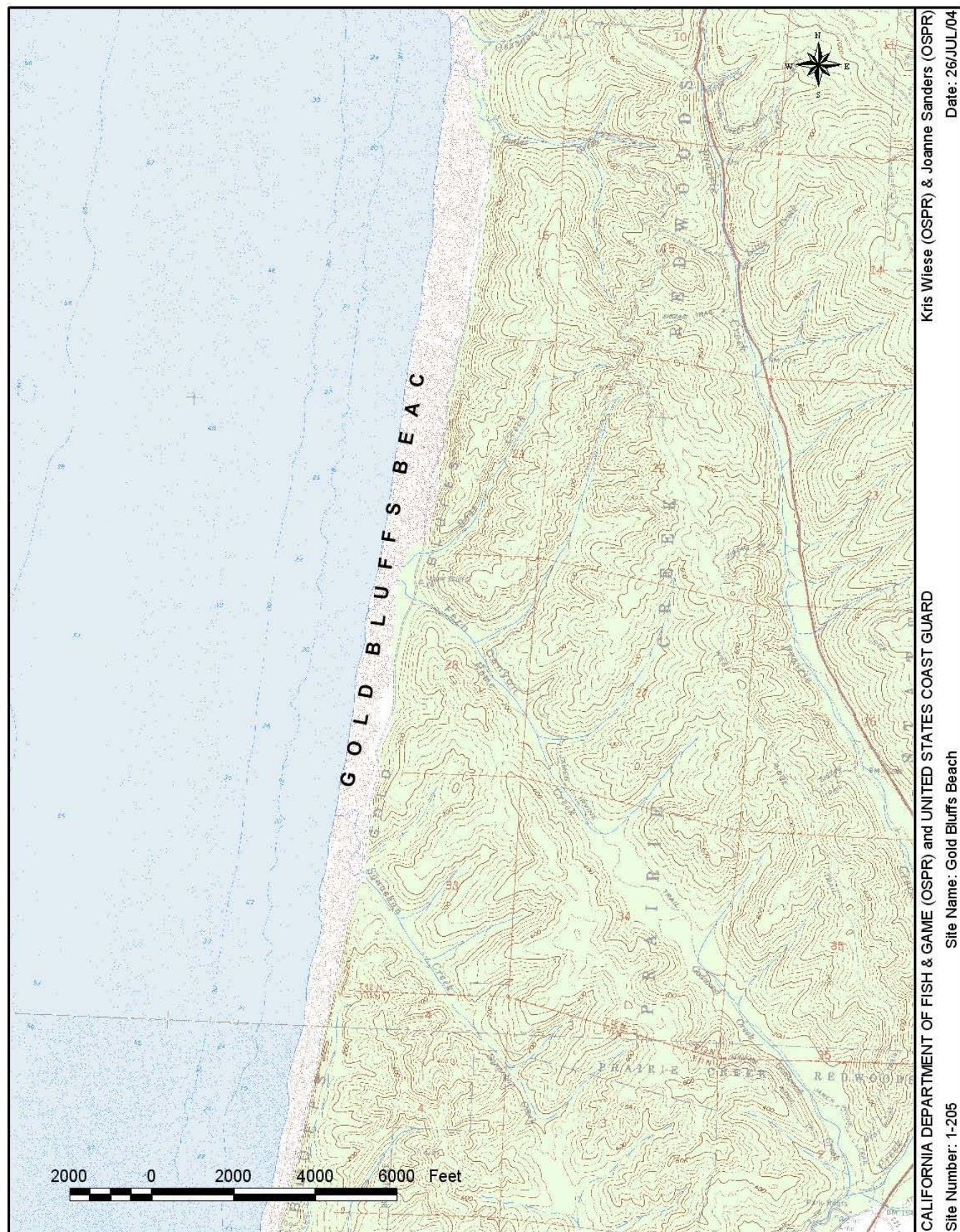
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

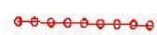
ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 26/JUL/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Gold Bluffs Beach

Site Number: 1-205



Harbor Boom



Swamp Boom



sss / sfs



Sorbent Boom



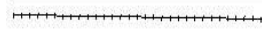
Other Boom



tsa / sps



Dike or Berm



Excellior Fence



tba/voo

1-210 -A Site Summary- Redding Rock

1-210 -A

County: **Humboldt**
USGS Quad: **Orick**

Thomas Guide Location

Latitude N Longitude W
41 20' 30" 124 05' 30"

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Offshore rock with other rocks in area.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Seabirds: Common murre, Brandt's cormorant, Western gull, Pigeon guillemot

Steller sea lion (FT)(01-12) in low numbers

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-210 -A Site Strategy - Redding Rock

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-210 -A

Latitude N Longitude W

41 20' 30 124 05' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Offshore rock with steep sides. Seas can be dangerous. Extreme currents, high energy shoreline. Other offshore rocks in area.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

No access. Rock lies approximately 6 miles offshore. Boat access limited due to steep sides. Survey area by helicopter.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking


and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



 Dike or Berm
Excellior Fence
tba/voo

1-215 -A Site Summary- Redwood Creek

1-215 -A

County: **Humboldt**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Orick**

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-215 -A Site Strategy - Redwood Creek

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-215 -A

Latitude N

Longitude W

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-215.01 Objective: Arrest oil spread near the mouth on an incoming tide.

ACP DATE

Place boom across the channel from the north bank to the south bank to move incoming oil to a suitable collection site.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
1-215.01	2000	0	0	0	0	0	0	0	0	6	4

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

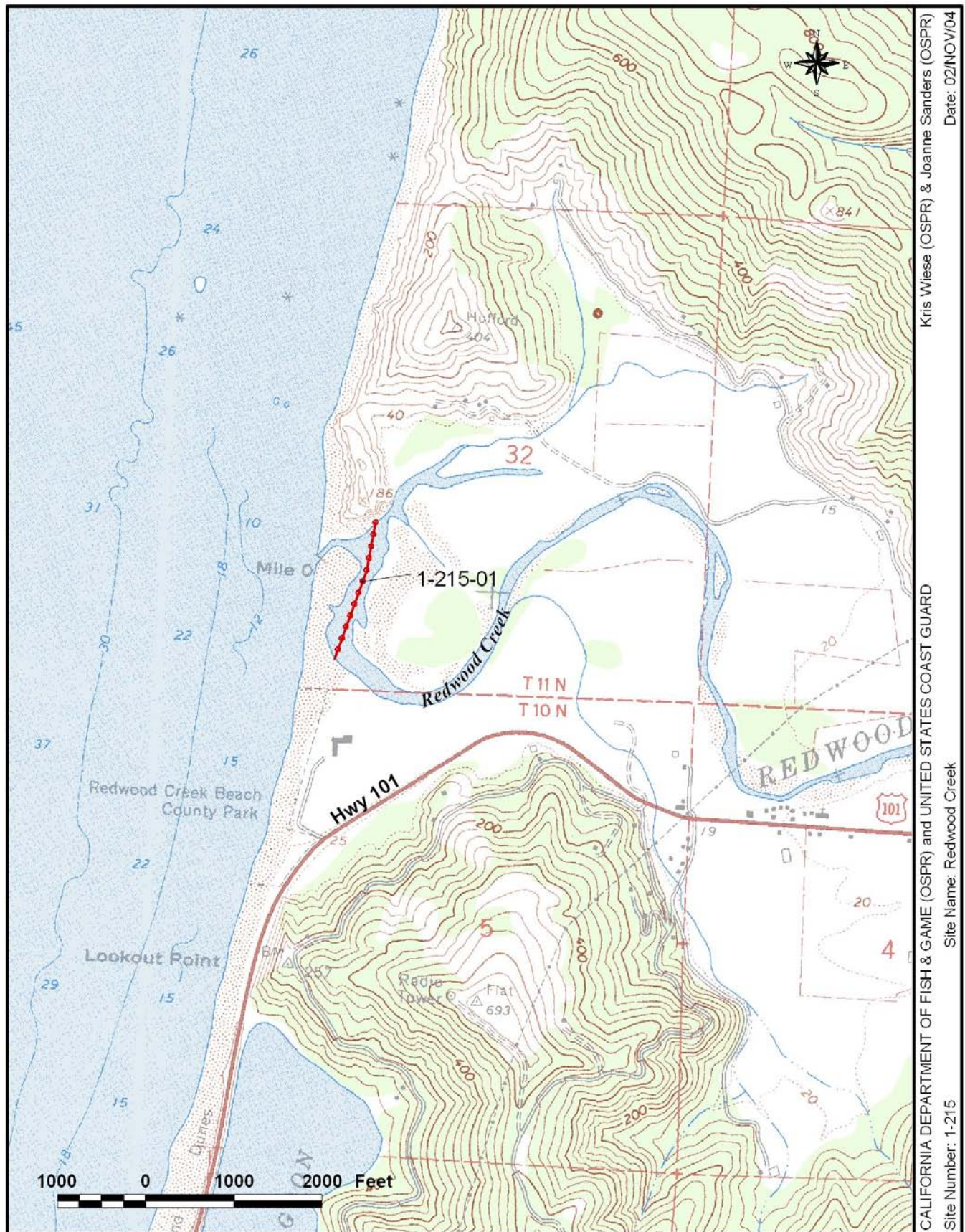
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 02NOV/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Redwood Creek
Site Number: 1-215

Harbor Boom
Swamp Boom
sss / sfs

Sorbent Boom
Other Boom
tsa / sps

Dike or Berm
Excellior Fence
tba/voo

County: **Humboldt**
USGS Quad: **Orick**

Thomas Guide Location

Latitude N
41 15

Longitude W
124 05' 30"

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Coastal lagoon with freshwater marsh. Separated from the ocean by a fine to medium grain sand beach. Infrequently open to the ocean.

SEASONAL and SPECIAL RESOURCE CONCERN**RESOURCES OF PRIMARY CONCERN**

Shorebirds, seabirds, waterfowl, loons, grebes, Raptors incl. Bald eagle (SE), Peregrine falcon (FE,SE), Osprey (CSC); all (01-12). Golden eagle (CSC). California brown pelican (FE,SE)(04-11). Proposed Snowy Plover Critical habitat (Fed'I) - sand dunes between the ocean and lagoon. Snowy plover (FT)(01-12) - critical nesting period (04-07). Nests directly on sand within dunes.

Marine mammals feed in surf and nearshore.

Anadromous salmonids: Coho (FT) and Chinook (CSC) salmon, Steelhead (FSS) and Coastal cutthroat (CSC) trouts:

- spawning runs (08-06) when lagoon breaches
- juveniles/smolts (01-12)

Tidewater goby (FE)(01-12)

Humboldt Bay owl's clover (FSC)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-220 -A Site Strategy - Stone Lagoon

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-220 -A

Latitude N

Longitude W

41 15

124 05' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Current through the breach can be dangerous during storm months/events.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. hwy 101. Hwy 101 skirts the east side of the lagoon and access points are visible just off the highway. A boat launch ramp and visitor's center are located alongside the highway. A coastal access road is available on the north end of the lagoon. Parking is available at the visitor's ctr. And at the end of the coastal access road. \$WD access to the SW corner where the lagoon generally breaches is possible from the parking lot at the end of the coastal access road. Skiffs may be launched at the State Park HQ.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

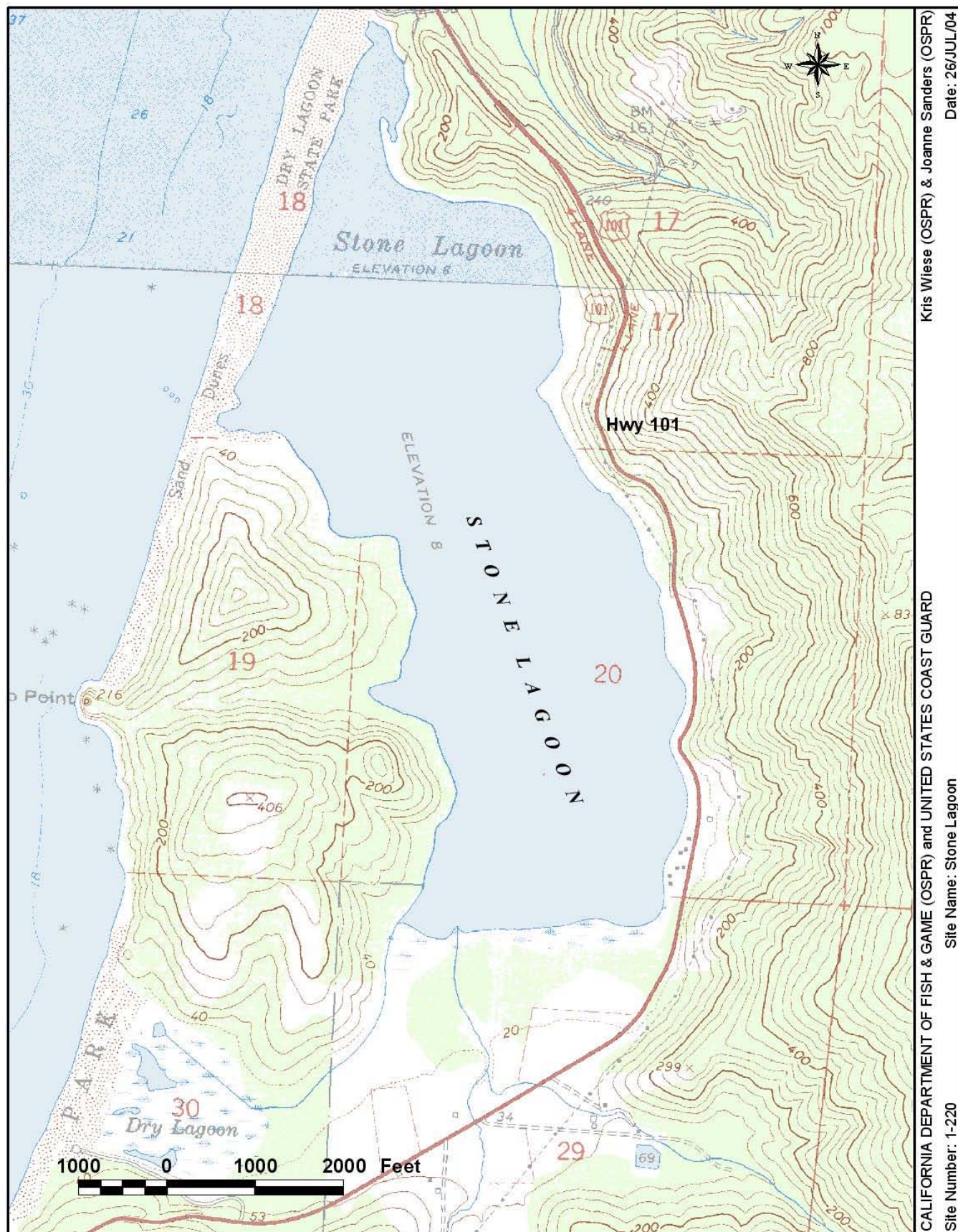
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)

Date: 26/JUL/04

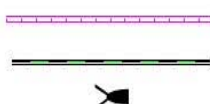
CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD

Site Name: Stone Lagoon

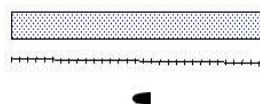
Site Number: 1-220



Harbor Boom
Swamp Boom
sss / sfs



Sorbent Boom
Other Boom
tsa / sps



Dike or Berm
Excellior Fence
tba/voo

1-230 -A Site Summary- Big Lagoon

1-230 -A

County: **Humboldt**
USGS Quad: **Rodgers Peak**

Thomas Guide Location

Latitude N
41 10' 30"
Longitude W
124 07'

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes Big Lagoon from the Berm to Hwy 101. The spit is State Park land. The Camp ground and boat launch at the south end is County Parks property. The water is managed by DFG, and the Marshes east of Hwy 101 are in private ownership. The lagoon is separated from the Ocean by a two mile spit with vegetated dunes. Seasonally, the spit opens to the ocean (during high run off of winter rains), usually at the north end. The spit is fine to medium granule sand. The lagoon is open freshwater and saltwater marshes.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Shorebirds, seabirds, waterfowl. California brown pelican (FE,SE)(04-11). Raptors incl. Peregrine falcon (SE,FE), Bald eagle (SE), and Osprey (CSC); all (01-12). Proposed Snowy Plover Critical Habitat (Fed'I) - sand dunes between lagoon and ocean. Snowy plover (FT)(01-12) critical nesting period (04-07) nesting directly on sand within dunes.

Tidewater goby (FE)(01-12)

Anadromous salmonids: Coho (FT) and Chinook (CSC) salmon, Steelhead (FSS) and Coastal cutthroat (CSC) trouts:

- spawning (08-06) when lagoon breaches
- juveniles/smolts (01-12)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Yes

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-230 -A Site Strategy - Big Lagoon

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-230 -A

Latitude N Longitude W

41 10' 30 124 07'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

The primary concern is oil entering the lagoon from the ocean and spreading across the Lagoon, which would pose cleanup problems and exposure to birds, animals, and fish in the lagoon. The intent is to control and collect oil near the berm entry point(s). A secondary concern is disturbance of endangered shore birds on the ocean face of the berm during winter.

HAZARDS and RESTRICTIONS:

Area of beach and waterway adjacent to breach is dangerous when water is flowing.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. hwy 101. Turn left onto Round House Road M.P. 108.250 and follow signs to county park. Various access points are available (by foot from hwy 101) on east side of lagoon. Access to the north end of lagoon where breaching occurs is possible only by traversing the beach from south end (about 2 miles). This site includes Big Lagoon from the Berm to Hwy 101. The spit is State Park land. The Camp ground and boat launch at the south end is County Parks property. The water is managed by DFG, and the Marshes east of Hwy 101 are in private ownership.

LAND ACCESS: all forms can be on the berm or at camp ground

WATER LOGISTICS:

Limitations: depth, obstruction

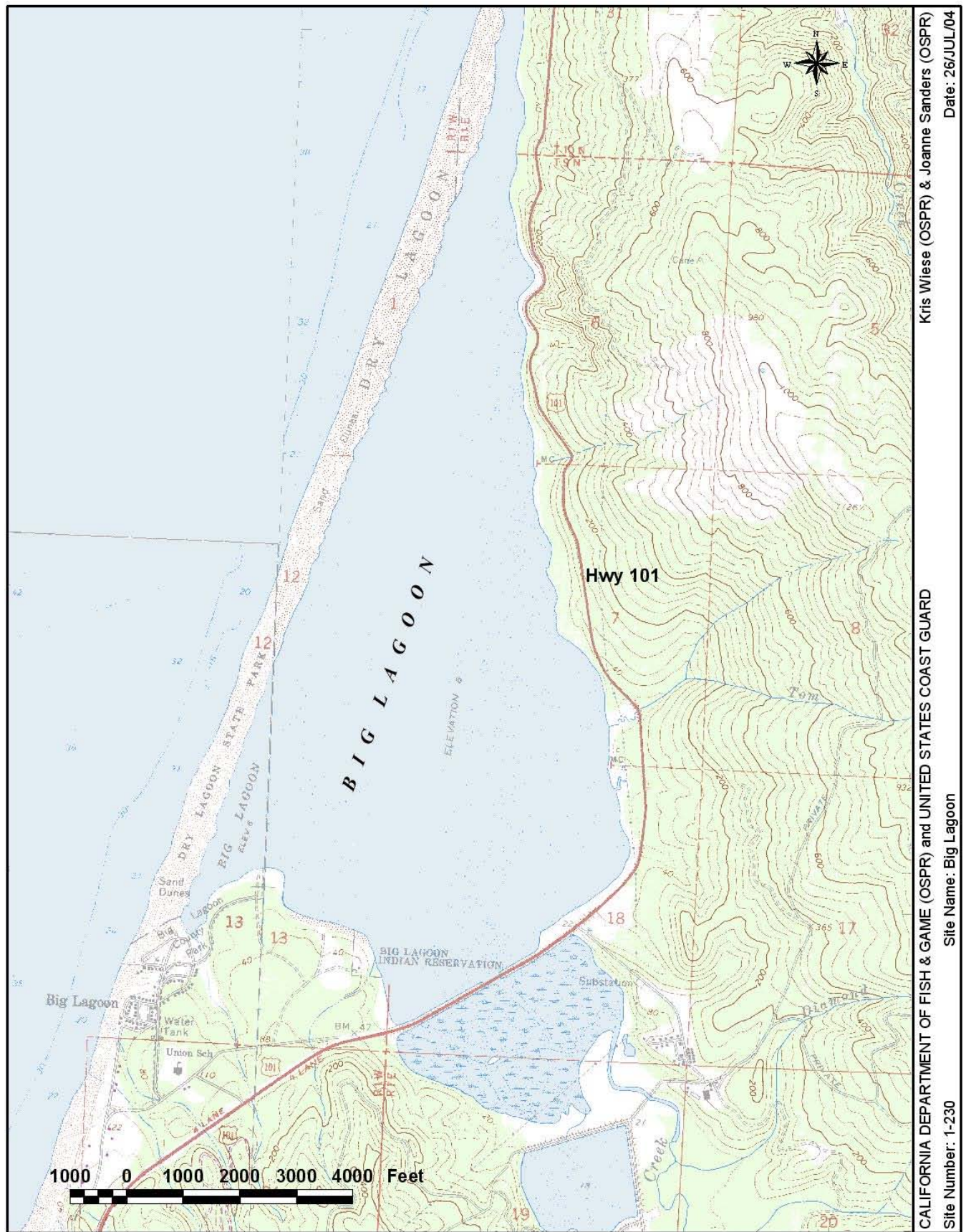
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 26/JUL/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Big Lagoon
Site Number: 1-230

1-235 -A Site Summary- Patricks Point to Trinidad Head

1-235 -A

County: **Humboldt**
USGS Quad: **Trinidad**

Thomas Guide Location

Latitude N
41 06'
Longitude W
124 10'

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Predominantly wave-cut platforms backed by gravel beaches. Pockets of fine to medium grained sand beaches. Exposed rock cliffs and many offshore rocks.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Large seabird colonies offshore (01-12), serve as rookeries (03-09); Green Rock - >55,000; Flatiron Rock - >24,000; Pilot Rock - >2,500, Pelagic and Brandt's cormorants >2,000. Cassin's auklet, Western gull, Black oystercatcher, Fork-tailed storm petrel (CSC), Rhinoceros auklet (CSC), and Tufted puffin (CSC) also present. Common murre >80,000. Pigeon guillemots also present.

River otters, Harbor seals, California sea lions throughout area.

Juvenile rockfish nursery habitat

Coastal cutthroat trout (CSC)(01-12) and Steelhead (FSS) may be present in coastal streams throughout area. Anadromous when streams flow to ocean.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Yes.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-235 -A Site Strategy - Patricks Point to Trinidad Head

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-235 -A

Latitude N

Longitude W

41 06'

124 10'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks. Beaches may be steep at times.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. hwy 101. Take Patricks Point State Park exit, M.P. 105.926 onto Patricks Point Drive. Parking and access available at several locations within park. Trinidad State Beach - from hwy 101 take Trinidad exit, M.P. 100.644. Turn left onto Main Street, then right onto Stagecoach Road to beach. Also from Main Street turn left onto Edwards Street to the beach parking area at the end of Edwards Street.

LAND ACCESS: some beach areas accessible by foot trail only

WATER LOGISTICS:

Limitations: depth, obstruction

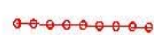
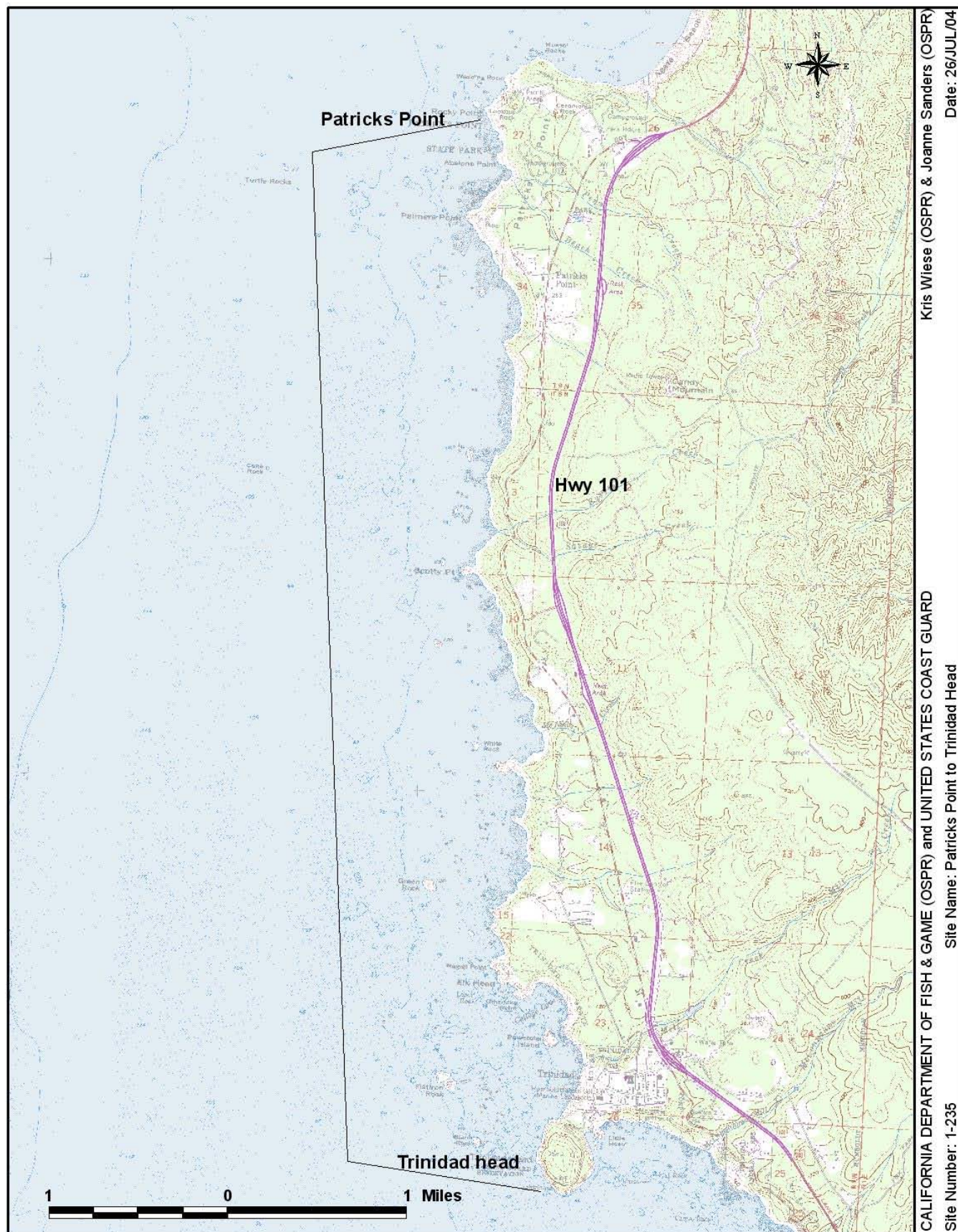
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Harbor Boom



Swamp Boom



sss / sfs



Sorbent Boom



Other Boom



tsa / sps



Dike or Berm



Excellior Fence



tba/voo

1-240 -A Site Summary- Trinidad Bay and McConnahas Mill Creek

1-240 -A

County: **Humboldt**
USGS Quad: **Crannell**

Thomas Guide Location

Latitude N Longitude W
41 02' 30" 124 07' 30"

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Minor tidal inlet at McConnahas Mill Creek. Offshore rocks. Rocky headlands. Fine to medium grain sand beaches. Some gravel beaches.

SEASONAL and SPECIAL RESOURCE CONCERN

Yes

RESOURCES OF PRIMARY CONCERN

Seabird colonies throughout area (01-12). Serve as rookeries (03-09). See site 1-027-A for species in area. Double-crested cormorant (CSC)(01-12). California brown pelican (FE,SE)(04-11).

River otters, Pacific harbor seals, Sea lions, Porpoises

Anadromous salmonids: Coastal cutthroat trout (CSC) and Steelhead (FSS) may be present in coastal streams throughout area. Spawns in coastal streams and creeks in area.

Nursery habitat for juvenile rockfish (01-12).

Surfperch spawning (04-06)

Surfsmelt and Nightsmelt spawning in area

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-240 -A Site Strategy - Trinidad Bay and McConnahas Mill Creek

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-240 -A

Latitude N Longitude W

41 02' 30 124 07' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

HAZARDS and RESTRICTIONS:

Scenic Drive may be closed or have slides and washouts either blocking or reducing the two lane road to one lane. Caution should be taken when driving this road at all times as some turns are blind.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. hwy 101. Exit at Trinidad M.P. 100.644 and turn left onto Main Street. Turn left again (Road next to Salty's) onto Scenic Drive. Various access points along this road from footpaths. Launching facilities are available at Trinidad Harbor. Continue on Main Street and turn left onto Trinity Street. Turn left from Trinity Street onto Edwards Street. The harbor is east of the parking area.

LAND ACCESS: See hazards section for Scenic Dr. Harbor easily accessed

WATER LOGISTICS:

Limitations: depth, obstruction










Launching, Loading, Docking Hoist available for boats, skiffs may be launched from the beach
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



- | | | | | | |
|---|-------------|---|--------------|--|-----------------|
|  | Harbor Boom |  | Sorbent Boom |  | Dike or Berm |
|  | Swamp Boom |  | Other Boom |  | Excellior Fence |
|  | sss / sfs |  | tsa / sps |  | tba/voo |

1-245 -A Site Summary- Little River Lagoon and Beach

1-245 -A

County: **Humboldt**
USGS Quad: **Crannell**

Thomas Guide Location

Latitude N
41 01'

Longitude W
124 06' 30"

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Tidal inlet. Fine to medium grain sand beach. Exposed tidal flat. Salt water marsh.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

The sandy beach from the river mouth south along Clam Beach is Snowy Plover nesting habitat. ANY responders working in this area should remain on the wet sand below the high tide line, (except at high tide), to minimize disruptions to plover nests and adults.

Shorebirds, seabirds, Snowy plover (FT)(01-12) - Critical nesting period (04-07). Nests directly on sand within dunes.

Anadromous salmonids: Coho (FT) and Chinook (CSC) salmon, Steelhead (FSS) and Coastal cutthroat (CSC) trouts.

- spawning runs (08-06)
- juveniles/smolts (04-07)

Surfperch (04-06)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-245 -A Site Strategy - Little River Lagoon and Beach

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-245 -A

Latitude N

Longitude W

41 01'

124 06' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-245.02 Objective: Arrest incoming (heavy) oil with pom pom snares

ACP DATE

Anchor strings of pom pom boom across the entrance to capture incoming oil. Two or three strings should be sufficient.

Strategy 1-245.10 Objective: Exclusion of oil on an incoming tide during low river flows

ACP DATE

Strand oil onto the southern spit inside of the lagoon using boom.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment No and kinds	staff deploy	Staff tend
1-245.02	0	0	0	2100	18	25lb Danforth Anchors	0	1	0	0		5	2
1-245.10	700	0	700	0	0	10 25lb Danforth Anchors w/chain	0	1	0	0		5	2

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. hwy 101. Take Westhaven Drive exit M.P. 98.003. Turn left under freeway and left again onto Scenic Drive. Continue to Merryman's Restaurant and turn right on un-named road. Road ends at mouth of Little River parking lot.

LAND ACCESS: easily accessed. Heavy equip. accessible

WATER LOGISTICS:

Limitations: depth, obstruction

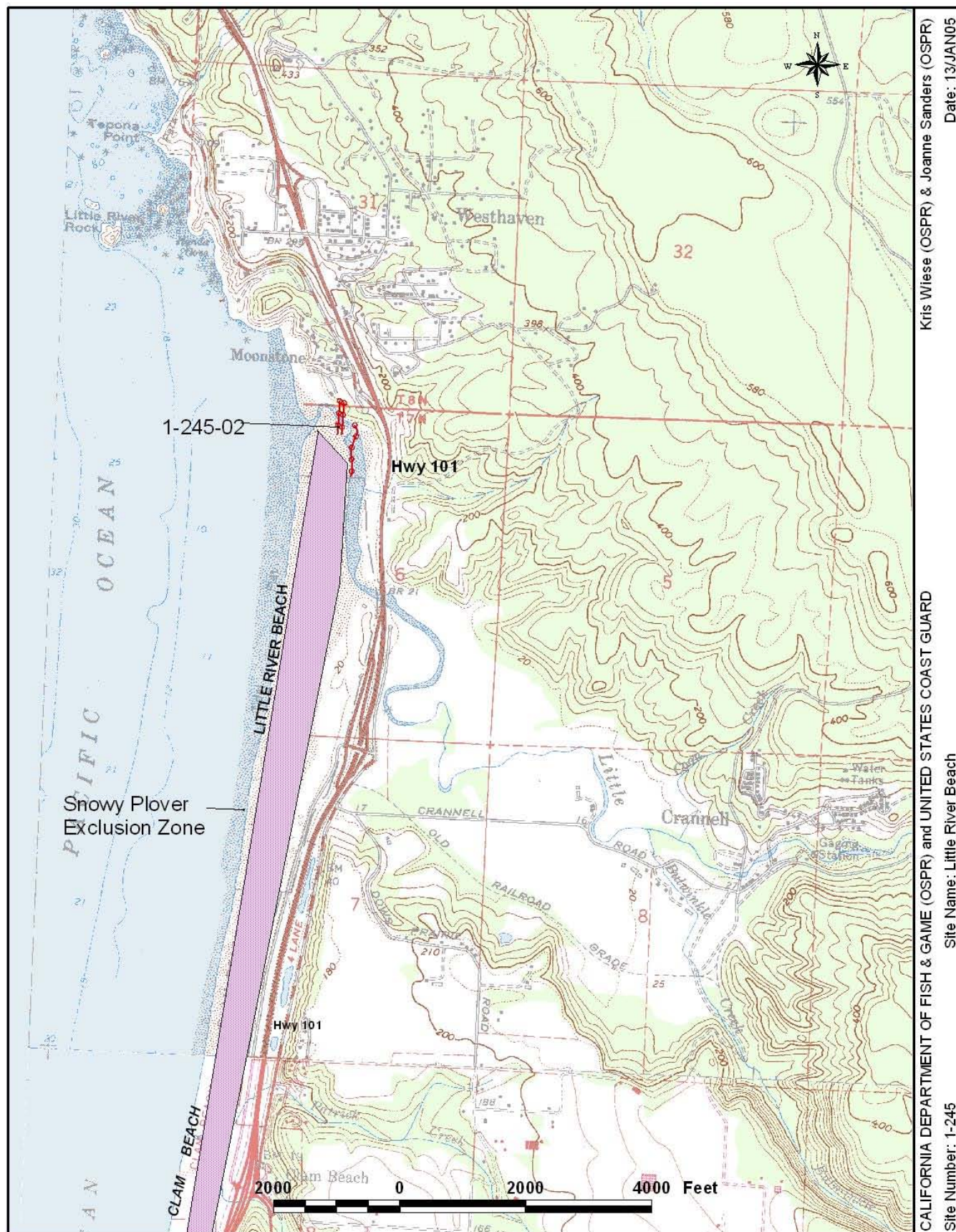
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD

Kris Wiese (OSPR) & Joanne Sanders (OSPR)

Site Name: Little River Beach

Date: 13/JAN/05

Site Number: 1-245

Harbor Boom
Swamp Boom
sss / sfs

Sorbent Boom
Other Boom
tsa / sps

Dike or Berm
Excelsior Fence
tba/voo

1-250 -A Site Summary- Clam Beach

1-250 -A

County: **Humboldt**
USGS Quad: **Crannell**

Thomas Guide Location

Latitude N
41 00'
Longitude W
124 07'

NOAA Chart: **18600**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Fine to medium grain sand beaches. Small tidal inlets at Strawberry and Patrick Creeks.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Clam beach is a Snowy plover breeding habitat above the high tide line. Nests are difficult to see and easy to step on. Responders should minimize traffic routes and try to limit activity to the area below the high tide line.

Coastal Cutthroat trout (CSC) may be present in Strawberry and Patrick Creeks. These trout may be anadromous and present through beach area if creeks have enough flow.

Pacific razor clams (01-12) and Dungeness crabs utilize the inter and subtidal zones. Clams burrow into the sand. Crabs may bury themselves to the tops of the carapace.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-250 -A Site Strategy - Clam Beach

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-250 -A

Latitude N

41 00'

Longitude W

124 07'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. hwy 101. Take Clam Beach County Park exit. Turn left under freeway overpass and then continue left on Clam Beach County Park Road. Parking areas available on the west side of this road.

LAND ACCESS: Beach is easily accessed by 4WD and hvy equip

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

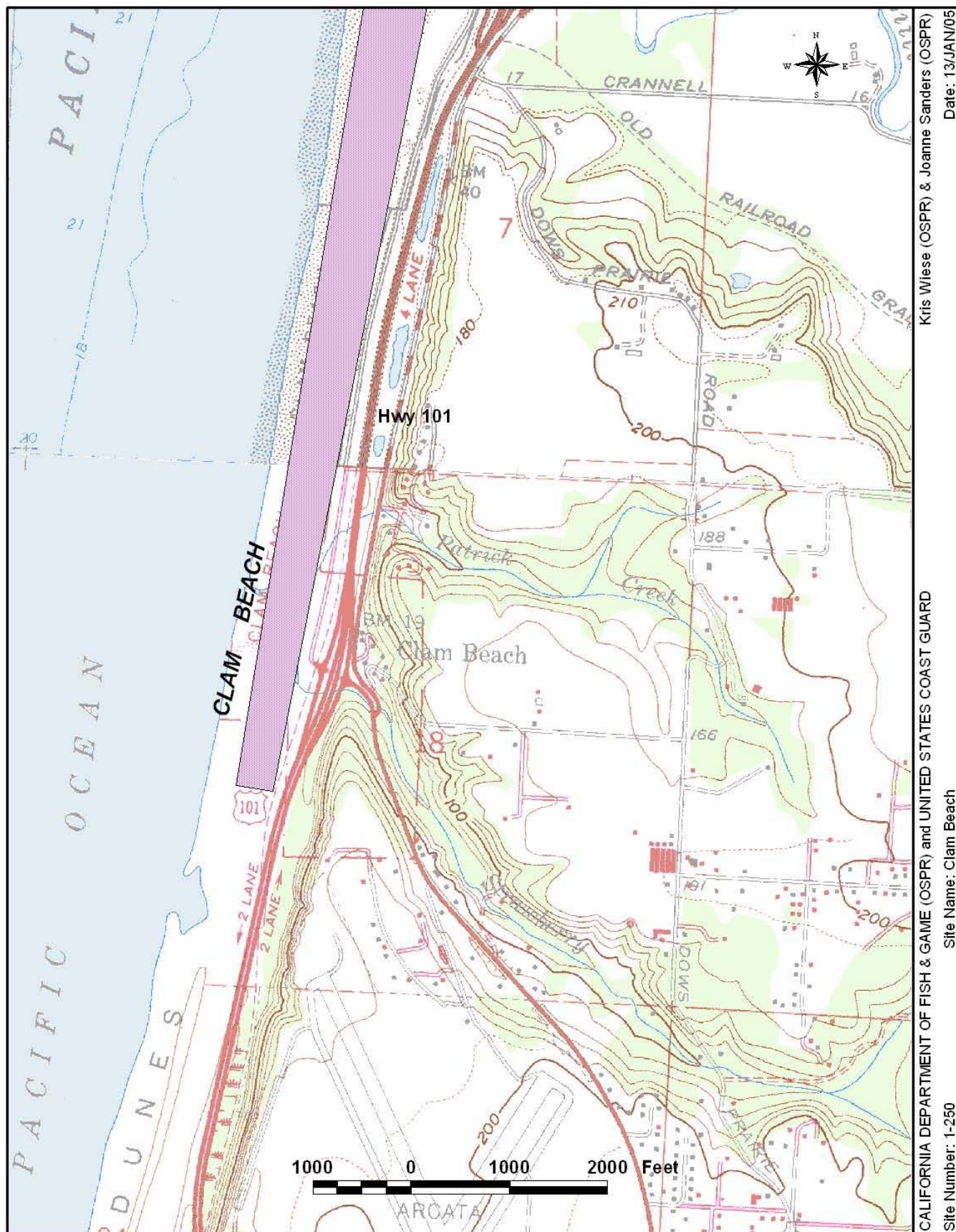
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Public restrooms at 2nd parking area

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 13/JAN/05

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Clam Beach
Site Number: 1-250

Harbor Boom
Swamp Boom
sss / sfs

Sorbent Boom
Other Boom
tsa / sps

Dike or Berm
Excellior Fence
tba/voo

1-255 -A Site Summary- Mad River Lagoon

1-255 -A

County: **Humboldt**
USGS Quad: **Arcata North Tyee**

Thomas Guide Location

NOAA Chart: **18600**

Latitude N
see #4

Longitude W
see #4

Last Page Update : 7/1/1996

SITE DESCRIPTION:

40 58' 124 07'

40 56' 30" 124 08' Large river tidal inlet bounded on each side by fine to medium grained sand beaches. Riprap along north and northeast shoreline facing the ocean.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Shorebirds, wading birds, waterfowl, Kingfishers (feeding and nesting), raptors incl. Osprey s and Merlins (CSC), Peregrine falcon (FE,SE); all (01-12). California brown pelican (FE,SE)(04-11), Snowy plover (FT)(01-12) - critical nesting period (04-07). Nests directly on sand within dunes.

Harbor seals and Sea lions feed in estuary. Harbor seals haul out along shore in mouth of river

Anadromous salmonids: Coho (FT) and Chinook (CSC) salmon, Steelhead (FSS) and Coastal cutthroat (CSC) trouts:

- spawning runs (08-06)
- juveniles/smolts (04-07)

Redtail surfperch on outer beaches (04-06)

Dungeness crab nursery

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-255 -A Site Strategy - Mad River Lagoon

County and Thomas Guide Location

Humboldt

NOAA CHART

18600

1-255 -A

Latitude N

see #4

Longitude W

see #4

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Mad River Road has closures during high rain and high tide events due to flooding. Check with the county.

SITE STRATEGIES

Strategy 1-255.1 Objective: During low fresh water flows the Mad River estuary should be boomed to minimize the impact area.

ACP DATE

Exclude oil (boom) and strand incoming oil onto the south spit to minimize oil movement into the riparian areas of the south and eastern regions in this estuary.

Strategy 1-255.2 Objective: During low fresh water flows the Mad River estuary should be boomed to minimize the impact area.

ACP DATE

Boom widow white creek where it joins the Mad River from the north

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Special Equipment No and kinds	staff deploy	Staff tend
1-255.1	0	1200	0	0	10	22lb Danforth	0	1	0	0	6	2
1-255.2	300	0	0	0	6	25lb Danforth anchors W/ chain	0	1	0	0	6	2

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go north on U.S. hwy 101 for about 8 miles. Take Giuntoli Lane exit M.P. 88.618. Turn left onto Janes Road. Turn right onto Heindon Road. Turn left onto Iverson Road. Turn right onto Mad River Road and continue on this road to Mad River County Park. There is a boat ramp at this location. Another unimproved parking area and 4WD access to the beach is just north of the county park area. Access to the north shore is difficult. Caltrans should be contacted to open hwy guard rails near M.P. 94.479 to access riprap area. 40 58' 124 07' 40 56' 30" 124 08'

LAND ACCESS: Can use 4WD to mouth fm Mad R. Beach or Clam Beach

WATER LOGISTICS:

Limitations: depth, obstruction

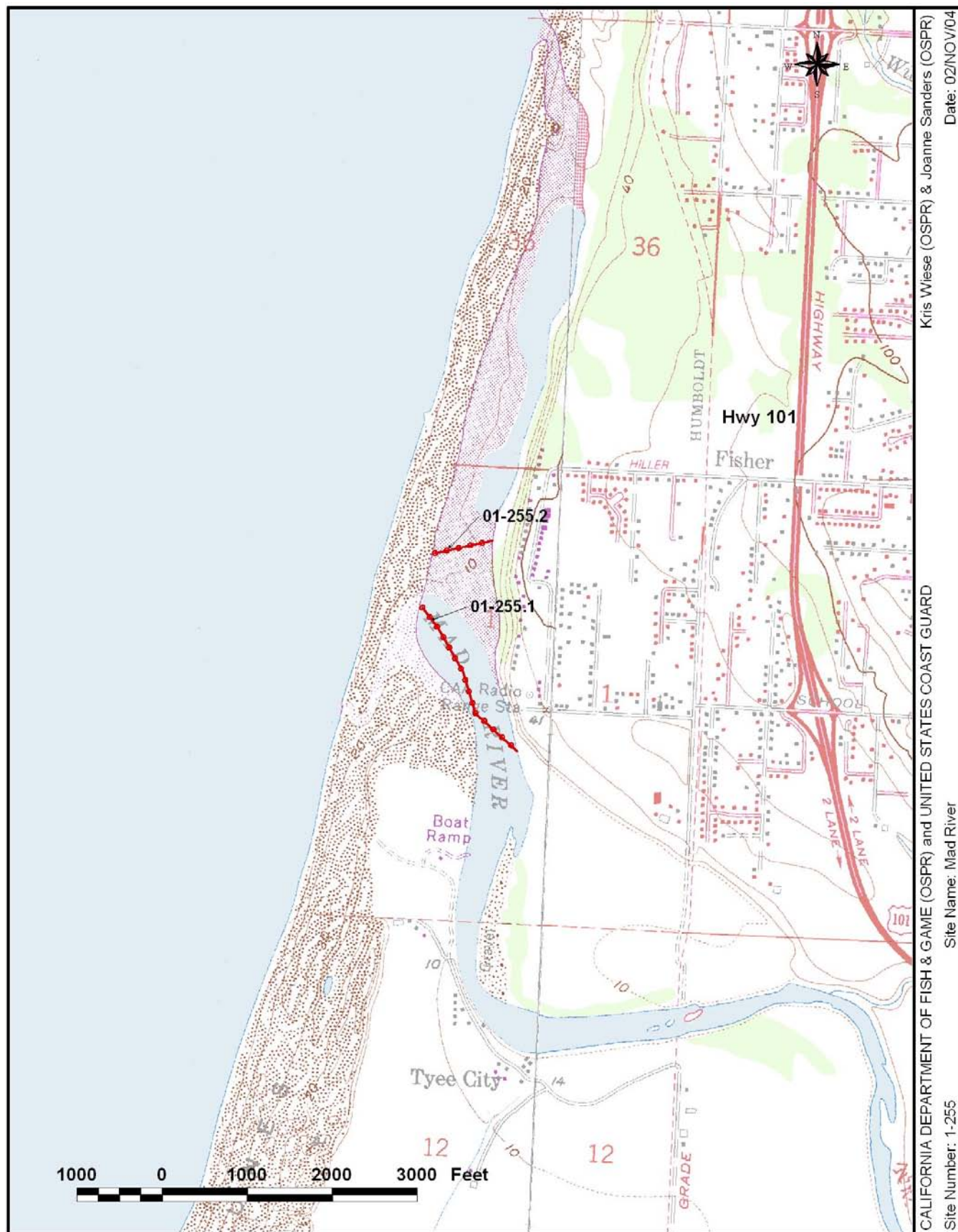
Launching, Loading, Docking Small boat (drive down) ramp type launch
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Restrooms at County Park launch ramp

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD

Kris Wiese (OSPR) & Joanne Sanders (OSPR)

Date: 02/NOV/04

Site Name: Mad River

Site Number: 1-255

Harbor Boom
Swamp Boom
sss / sfs

Sorbent Boom
Other Boom
tsa / sps

Dike or Berm
Excellior Fence
tba/voo

County: **Humboldt**
 USGS Quad: **Cannibal Island**

Thomas Guide Location

Latitude N Longitude W
 40 38' 30" 124 18' 30"

NOAA Chart: **18622, 18620**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the Eel River and adjacent marshes and sloughs from Fernbridge bridge to the river mouth. Ownerships include private land, Crab Park (Humboldt County) at the end of Cannibal Rd, State Park lands on north and south spit, and Department of Fish and Game ownership of Cock Robin Island. Total acreage of marshes exceed 700 acres in addition to riparian vegetation. This major estuary complex has abundant marshes, as well as exposed and sheltered tidal flats, numerous sloughs opening into the estuaries. The mouth of the Eel River will migrate seasonally in response to fresh water flow and near shore current changes. The Eel River can, over a brief period of time, migrate from north to south or south to north for a distance of about 1.5 miles or more. No booming response is advisable during high winter flows.

SEASONAL and SPECIAL RESOURCE CONCERN**RESOURCES OF PRIMARY CONCERN**

Large areas of pickleweed marsh on the Eel river side of the coastal sand dunes, clearly tidally influenced. Salt marshes grade into riparian and fresh marshy margins as waters become less salty.

Shorebirds, seabirds, wading birds, waterfowl (01-12)

California brown pelican (SE)(04-11), Bald eagle and Peregrine falcon both (SE), Osprey and Merlin both (CSC); all (01-12). Proposed Snowy plover Critical Habitat (Fed'I) - sand dunes on both north and south spits of Eel River. Snowy plover (FT)(01-12) - Critical nesting period (04-07). Nests directly on sand within dunes.

Pacific harbor seals and California sea lions haul out in area

Anadromous salmonids:

Coho (FT) and Chinook (CSC) salmon, Steelhead (FSS) and Coastal cutthroat (CSC) trouts:

- spawning runs (08-06)
- juveniles/smolts (02-08)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

This is a culturally sensitive area.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-260 -A Site Strategy - Eel River Estuary

County and Thomas Guide Location

Humboldt

NOAA CHART

18622, 18620

1-260 -A

Latitude N

Longitude W

40 38' 30 124 18' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

HAZARDS and RESTRICTIONS:

Crab Park (Humboldt Co) and access roads may be submerged during high water and runoff periods.

SITE STRATEGIES

Strategy 1-260.1 Objective: Update historical plan to include an on site evaluation before equipment call out or deployment.

ACP DATE

Perform an on site evaluation or an (helicopter) over flight to determine if conditions will allow any field response under prevailing conditions.

Strategy 1-260.2 Objective: Primary strategy: when there is tidal inflow threatening to oil, divert to collection at Crab Park Beach by exclusion booming.

ACP DATE

- Boom the mouth of North Bay Slough by booming at a diagonal from the tip of the north spit to collection at the huge stump upstream on the Crab Park shore. (700 ft 8X8+ boom, 4 22#+ anchors)
- To exclude the oil from moving inland up the main channels, boom from the south spit at an angle across the prevailing current to Crab Park beach. (3500 ft 8X8+ boom, 8 22#+ anchors)
- exclude oil from Salt River and adjacent southern sloughs: Exclusion boom at a diagonal or chevron. (400 ft boom, 6 anchors)

Strategy 1-260.3 Objective: No booming necessary when there is high volume flood outflow.

ACP DATE

Strategy 1-260.4 Objective: When oil is overwashing the beach berm, deploy short diversion segments to ground oil to back of berm

ACP DATE

Deploy six 100 ft segments of boom along the back of the berm to divert overwashing oil to shore during the flood tide. Select boom locations at best available locations and angles under prevailing conditions to collect oil. (6X6+ boom)

Strategy 1-260.5 Objective: Hazing: keep sensitive species off haulout and roosting areas

ACP DATE

Pursue hazing to discourage wildlife use of spit. Contact UC Davis hazing staff and USFWS for further actions. Passive hazing recommended.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment No and kinds	staff deploy	Staff tend
1-260.1	0	0	0	0	6		0	0	0	0			
1-260.2	4600	0	0	0	0	18 - 22#/danforth	1	0	0	0		12	6
1-260.3	0	0	0	0	0		0	0	0	0			
1-260.4	0	600	0	0	0	12 15#+ danforths	0	0	0	0			
1-260.5	0	0	0	0	0		0	1	0	0			

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go south on U.S. hwy 101 and take the Fernbridge - Ferndale exit. Turn right at the end of the offramp, and drive 1.9 miles (on Eel River Road) to Cannibal Island Road in the town of Loleta. Turn left onto Cannibal Island Road and continue 5 miles to Crab Island County Park.

Route to north jetty (or peninsula): Take Hookton Road exit. At stop sign at Hookton Road do not turn, but continue on Hookton Road (which later becomes Table Bluff Road) until it reaches the beach. 4WD access to the mouth of the river is possible by a road behind beach dunes (marked), which runs south to the mouth. This site includes the Eel River and adjacent marshes and sloughs from Fernbridge bridge to the river mouth. Ownerships include private land, Crab Park (Humboldt County) at the end of Cannibal Rd, State Park lands on north and south spit, and Department of Fish and Game ownership of Cock Robin Island. Total acreage of marshes exceed 700 acres in addition to riparian vegetation.

LAND ACCESS: Large trucks (in dry weather) OK at Clam Park and Cock Robin Island.

WATER LOGISTICS: sand bars.

Limitations: depth, obstruction

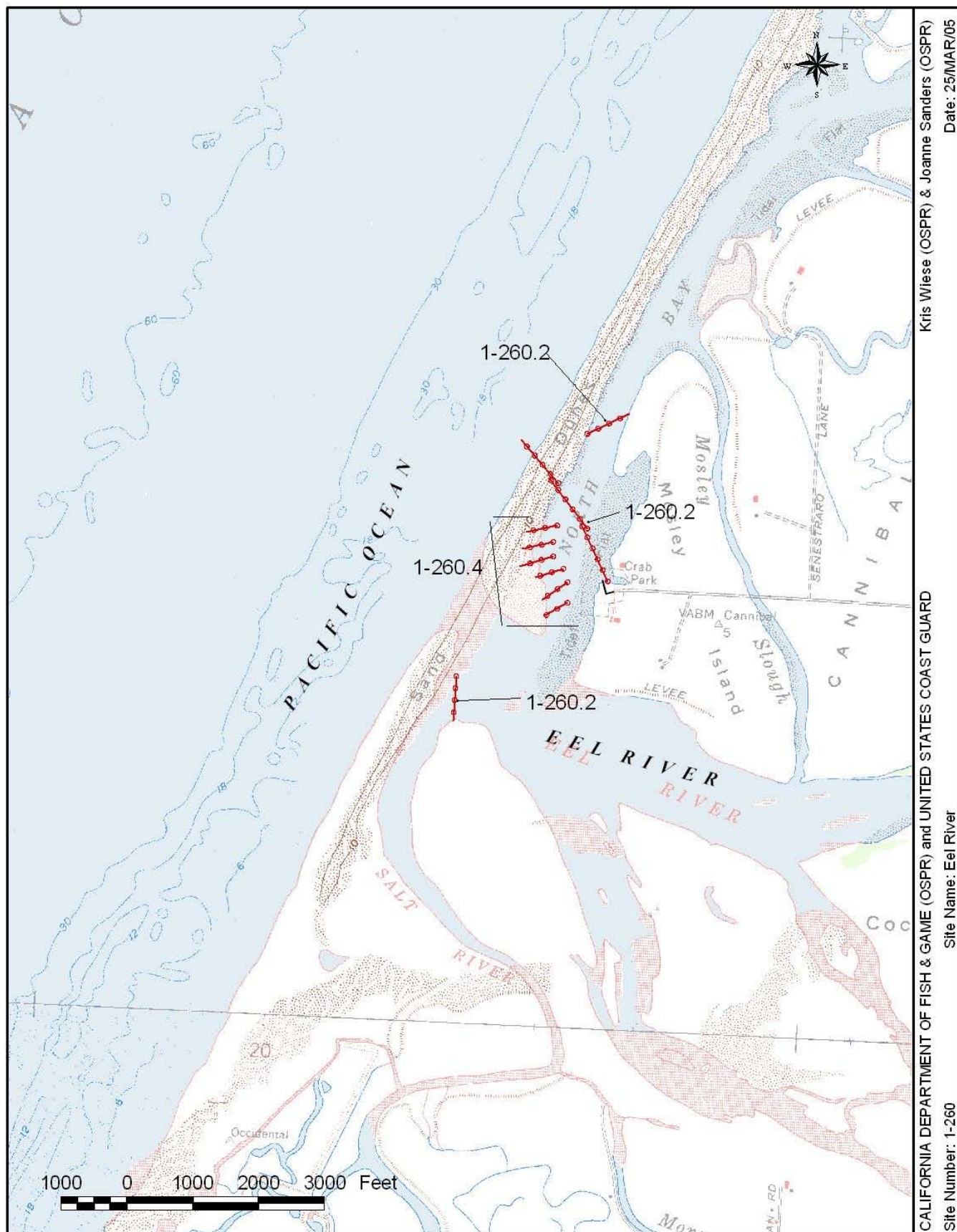
Launching, Loading, Docking and Services Available: Gravel ramp at Cock Robin Island bridge and beach launch at Clam Beach. No other boat services available.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Best staging is at Clam beach but Cock Robin Bridge would also suffice. No services available.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



1-265 -A Site Summary- Centerville Beach

1-265 -A

County: **Humboldt**
USGS Quad: **Ferndale**

Thomas Guide Location

Latitude N Longitude W
40 35' 30" 124 20' 30"

NOAA Chart: **18620**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Sandy beach with stable dunes.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Snowy plover (FT)(01-12) - Critical nesting period (04-07). Nests directly on sand within dunes.

Surfperch spawning (04-06)

Beach layia (SE,FE)(01-12)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-265 -A Site Strategy - Centerville Beach

County and Thomas Guide Location

Humboldt

NOAA CHART

18620

1-265 -A

Latitude N

Longitude W

40 35' 30 124 20' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-265.1 Objective: No strategy, but possible access to Eel river estuary to the north.

ACP DATE

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
1-265.1	0	0	0	0	0	0	0	0	0		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go south on U.S. hwy 101 and take Fernbridge/Ferdale exit. Stop at the end of the ramp, and then proceed straight ahead 0.5 miles to the intersection of HWY 211. Yield to the right and proceed over the bridge and through Ferndale 4.7 miles. Turn right onto Centerville road and continue 5 miles to Centerville beach parking.

LAND ACCESS: Large truck accessible.

WATER LOGISTICS:

Limitations: depth, obstruction

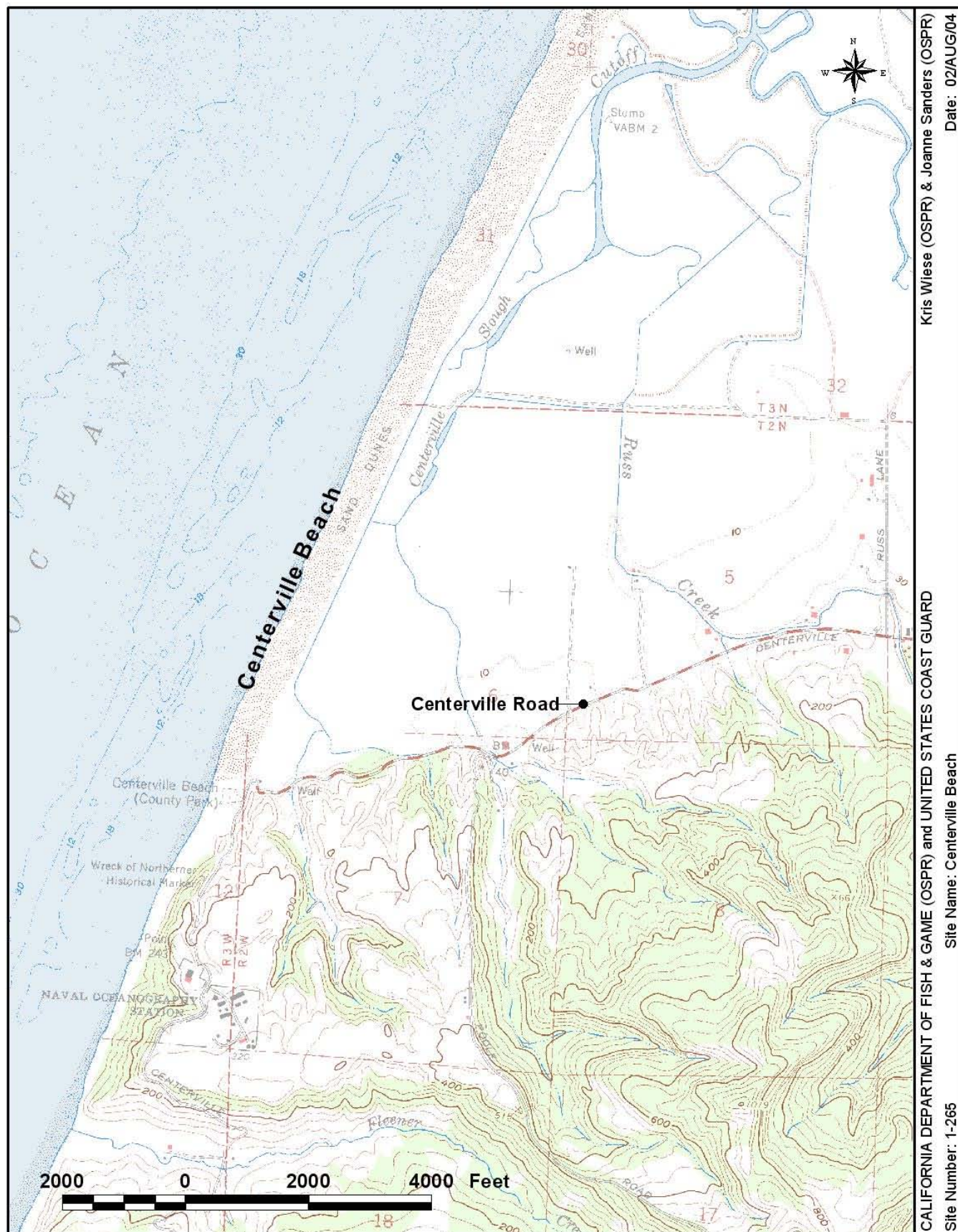
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 02/AUG/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Centerville Beach

Site Number: 1-265

- | | | | | | |
|--|-------------|--|--------------|--|-----------------|
| | Harbor Boom | | Sorbent Boom | | Dike or Berm |
| | Swamp Boom | | Other Boom | | Excellior Fence |
| | sss / sfs | | tsa / sps | | tba/voo |

1-268 -A Site Summary- False Cape Rock

1-268 -A

County: **Humboldt**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Ferndale**

NOAA Chart: **18620**

40 30' 30"

124 23' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Offshore rocks

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Seabird rookeries: Common murre appx. 8,000; Brandt's cormorant appx. 400; Western gull appx. 220; Pelagic cormorant appx. 170; Pigeon guillemot appx. 150.

Marine mammal haul out areas.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type

Name / Title

Organization

Phone

ADDITIONAL SITE SUMMARY COMMENTS:

1-268 -A Site Strategy - False Cape Rock

County and Thomas Guide Location

Humboldt

NOAA CHART

18620

1-268 -A

Latitude N

Longitude W

40 30' 30 124 23' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Extreme currents, high energy shoreline, offshore rocks

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

No access.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

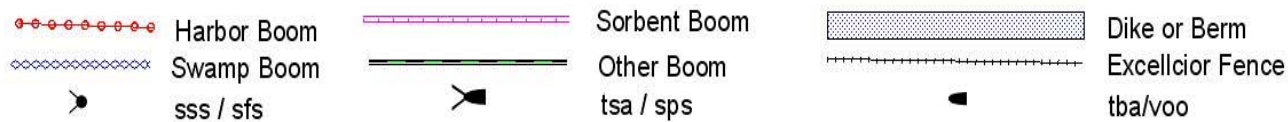
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



1-273 -A Site Summary- Cape Mendocino

1-273 -A

County: **Humboldt**
USGS Quad: **Cape Mendocino**

Thomas Guide Location

Latitude N Longitude W
40 26' 30" 124 25'

NOAA Chart: **18623**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Offshore rocks and open water

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Seabird rookeries: Western gull, Pigeon guillemot, Black oystercatcher, Brandt's and Pelagic cormorants. Tufted puffin and Double-crested cormorant (CSC). All above (01-12).

Steller sea lion (FT) pupping area (05-07) > 12,000 pups surveyed. Pacific harbor seal pupping area (03-09). Haul outs (01-12).

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-273 -A Site Strategy - Cape Mendocino

County and Thomas Guide Location

Humboldt

NOAA CHART

18623

1-273 -A

Latitude N Longitude W

40 26' 30 124 25'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Mattole Road is winding with several blind curves, proceed with caution. High energy shoreline, extreme currents, offshore rocks.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, take U.S. hwy 101 south and exit at Fernbridge/Ferndale exit. Continue on this road. Turn right onto bridge (State route 211). Follow state route 211 through Ferndale. Turn left onto Mattole Road. This road has earthquake damage (reducing 2 lane road down to 1 lane in spots). Follow Mattole Road to coast. Foot access from Mattole Road. Must obtain access permission from private landowner at Ocean House Ranch.

LAND ACCESS: tide may block egress from far side of cliff

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

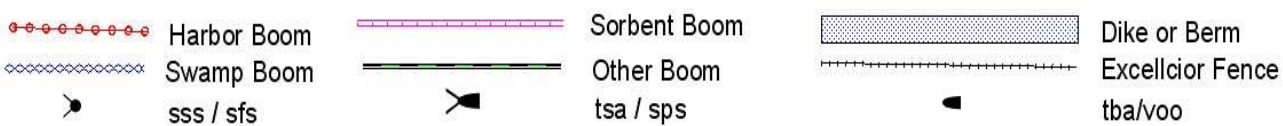
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Lost Coast area cell phone may not work



1-275 -B Site Summary- Steamboat Rock

1-275 -B

County: **Humboldt**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Cape Mendocino**

NOAA Chart: **18623**

40 45'

124 44'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Offshore rocks and open water.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Seabird rookeries: Common murre (4,500)
 Brandt's cormorant (494)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-275 -B Site Strategy - Steamboat Rock

County and Thomas Guide Location

Humboldt

NOAA CHART

18623

1-275 -B

Latitude N

40 45'

Longitude W

124 44'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Extreme currents, high energy shoreline, offshore rocks

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

No access.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

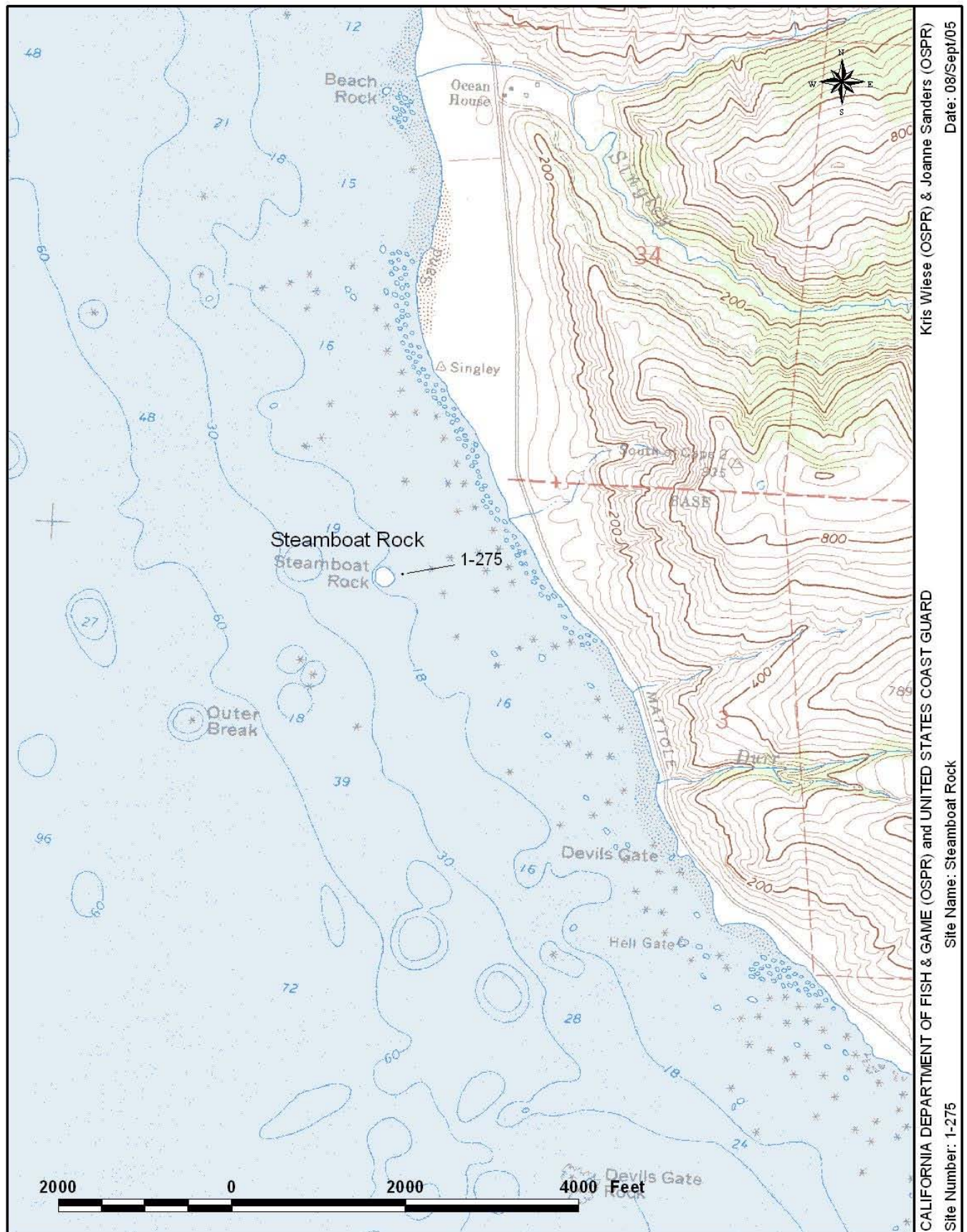
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Lost Coast area cell phone may not work



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 08/Sept/05

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Steamboat Rock
Site Number: 1-275

1-277 -C Site Summary- Capetown

1-277 -C

County: **Humboldt**
USGS Quad: **Capetown**

Thomas Guide Location

Latitude N Longitude W
40 22' 30" 124 22' 30"

NOAA Chart: **18623**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Tidal flats occur throughout range of map

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Shorebirds and seabirds present.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-277 -C Site Strategy - Capetown

County and Thomas Guide Location

Humboldt

NOAA CHART

18623

1-277 -C

Latitude N

Longitude W

40 22' 30 124 22' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks.

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, take U.S. hwy 101 south and take Fernbridge/Ferndale exit. Continue on this road, turn right onto bridge (State route 211). Follow state route 211 through Ferndale. Turn left onto Mattole Road (2 lane road reduced by earthquake damage to 1 lane road in spots). This area is just off Mattole Road along coast.

Private landowner values and defends his privacy.

LAND ACCESS: access may be denied by landowner See BLM

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

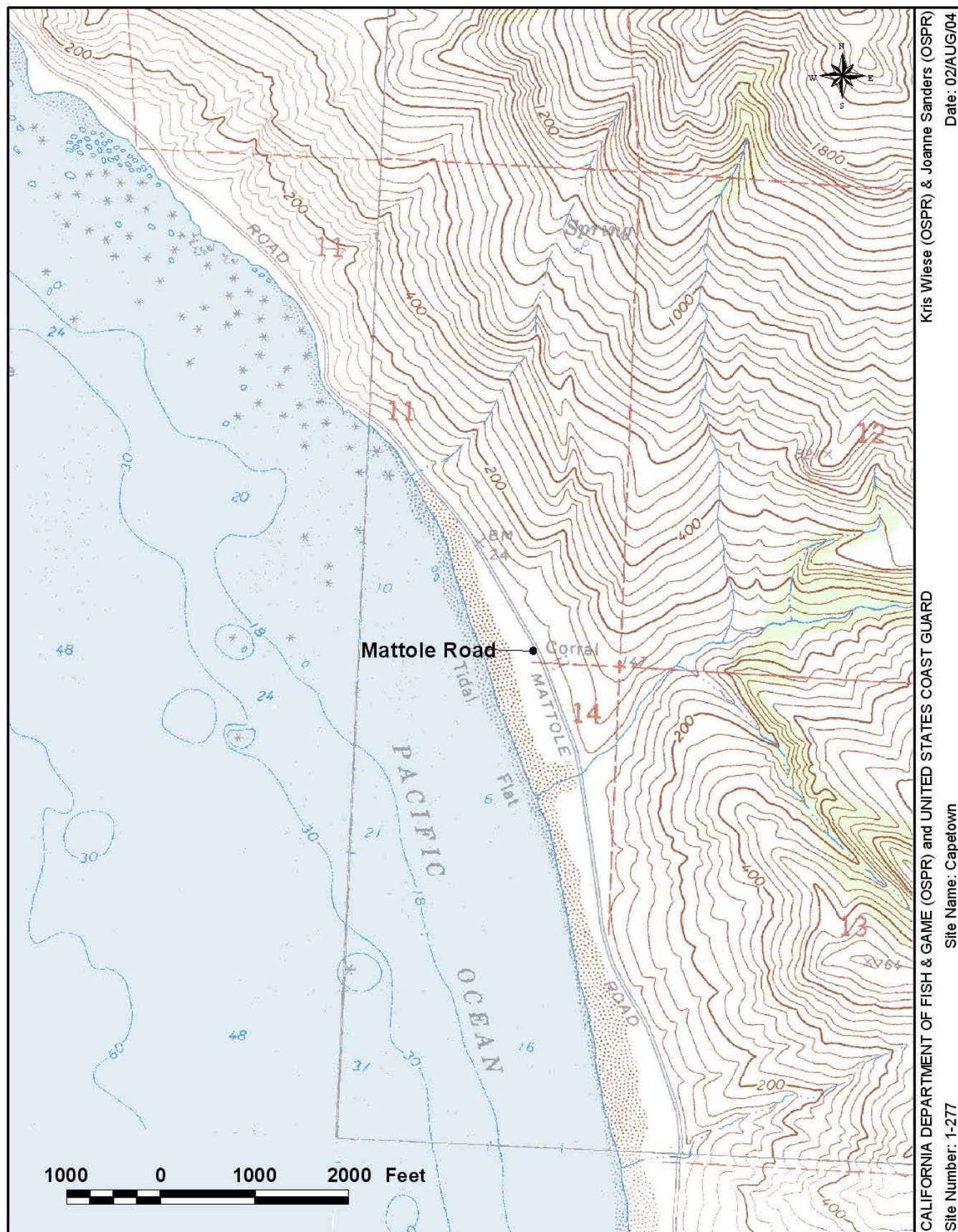
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Lost Coast area cell phone may not work



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 02/AUG/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Capetown

Site Number: 1-277

Harbor Boom
Swamp Boom
sss / sfs

Sorbent Boom
Other Boom
tsa / sps

Dike or Berm
Excellior Fence
tba/voo

1-279 -B Site Summary- Hair Seal Rock

1-279 -B

County: **Humboldt**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Petrolia**

NOAA Chart: **18623**

40 20'

124 21'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Offshore rocks

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Brandt's and Pelagic cormorants

Pacific harbor seal haul out area, 350 observed.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type

Name / Title

Organization

Phone

ADDITIONAL SITE SUMMARY COMMENTS:

1-279 -B Site Strategy - Hair Seal Rock

County and Thomas Guide Location

Humboldt

NOAA CHART

18623

1-279 -B

Latitude N

40 20'

Longitude W

124 21'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

No access.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

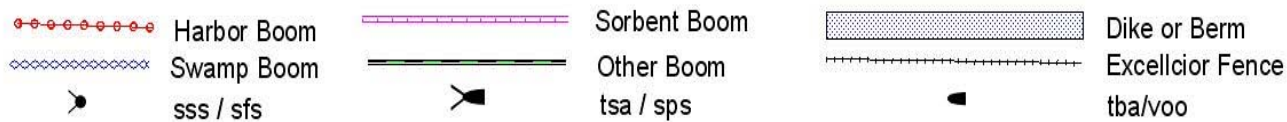
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Lost Coast area cell phones may not work



County: **Humboldt**
USGS Quad: **Petrolia**

Thomas Guide Location

Latitude N Longitude W
40 17' 30" 124 21'

NOAA Chart: **18623**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the Mattole River estuary or seasonal lagoon and the bordering marshes along the southern margin. It is part of the Kings Range National Conservation Area. This site has a complex estuary that is open and closed to tidal action by seasonal hydrological events. There is about 5 acres of alder and herbacious marshes along the southwest margin of the estuary, and a campground and picnic area at the end of the access road.

SEASONAL and SPECIAL RESOURCE CONCERN**RESOURCES OF PRIMARY CONCERN**

The Mattole River mouth changes seasonally according to prevailing hydrological events. The highly sensitive estuarine habitat should be protected from oiling when possible.

Shorebirds, seabirds, waterfowl. California brown pelican (FE,SE)(04-11), Bald eagle (SE) and peregrine falcon (FE,SE); both (01-12).

Anadromous salmonids: Coho (FT) and Chinook (CSC) salmon, Steelhead (FSS).

- spawning runs (08-06)
- juveniles/smolts (02-08)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

No cultural sensitivities where response actions will take place, but there are cultural sensitivities nearby.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-285 -A Site Strategy - Mattole River

County and Thomas Guide Location
Humboldt

NOAA CHART
18623

1-285 -A

Latitude N Longitude W
40 17' 30 124 21'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

The south side is an alder and marsh wetland which would be extremely difficult to clean up. Keep oil out of wetland and shunt to bare sand or gravel areas where ecological impacts will be minimal. Because birds use the water surface and fish the lagoon, minimize the spread of oil and confine by booming to near shorelines.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-285.1 Objective: Primary: When mouth is open, threatening oiling with tidal inflow, exclusion-deflection booming to collection at southwest corner of Lagoon.

ACP DATE

Deploy boom from the cliff headland on the north to the opening of the marshy channel at the south west corner. Angle the boom across the influent current to minimize entrainment of oil and maximize oil movement into a collection area at the southwest margin. Use pom-poms or oil snare to retain and immobilize oil. Evaluate for mechanical collection needs.

Strategy 1-285.2 Objective: Alternative: When mouth is open and there are winds exceeding 20 knots west, threatening oiling with tidal inflow, exclusion-deflection booming to collection along the north shoreline.

ACP DATE

Deploy boom from the southern spit to the bar or any other vantage point on the north bank where oil can be landed. Retain oil with pom-poms until more effective measures can be installed. Vehicle access to the north bank may be difficult or impossible (ford). Cascade 1000 ft sections of swamp boom or larger (3000 ft)

Strategy 1-285.3 Objective: When outflows are heavy, little oil can enter; cautionary booming of small slough at south west corner

ACP DATE

Boom the slough at southwest corner with 100 ft of swamp boom. Secure with stakes.

Strategy 1-285.4 Objective: When the berm is intact but surge is overwhelming it, install boom on back side of berm and collect the oil.

ACP DATE

Stake a layer of swamp boom along the back side of any berm washover, positioning it so that oil can be collected at the southerly end. Use oilsnare to retain and immobilize oil.

Strategy 1-285.5 Objective: Alternative when berm is intact and oil is overwhelming, berm and collect oil on back slope of berm using runnel.

ACP DATE

Using excavating equipment, build-up the berm using sediments on downslope and high areas. Runnel will collect any oil which overflows. Plastic may be necessary to line front face to minimize further overwash erosion.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment No and kinds	staff deploy	Staff tend
1-285.1	0	1000	100	0	0	4 15# anchors	0	0	0	0			
1-285.2	0	3000	100	0	0	15# danforths.	0	0	0	0			
1-285.3	0	100	0	0	0	stakes.	0	0	0	0			
1-285.4	0	1000	100	0	0	stakes.	0	0	0	0			
1-285.5	0	0	0	0	0		0	0	0	0	skip loader and 200 ft plastic		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go south on U.S. hwy 101. Exit U.S. hwy 101 at Fernbridge/Ferndale exit. At Fernbridge, turn right into bridge (state route 211). Follow state route 211 through Ferndale. Turn left onto Mattole Road (2 lane road may be reduced to 1 lane in spots due to earthquake damage). Follow Mattole Road through Petrolia. Turn right onto Lighthouse Road. This road parallels river to the mouth. This site includes the Mattole River estuary or seasonal lagoon and the bordering marshes along the southern margin. It is part of the Kings Range National Conservation Area.

LAND ACCESS: easily accessed by all vehicles

WATER LOGISTICS: shallows

Limitations: depth, obstruction

Launching, Loading, Docking across beach launch at campground. Launch at ford to bar on north upstream.
and Services Available:

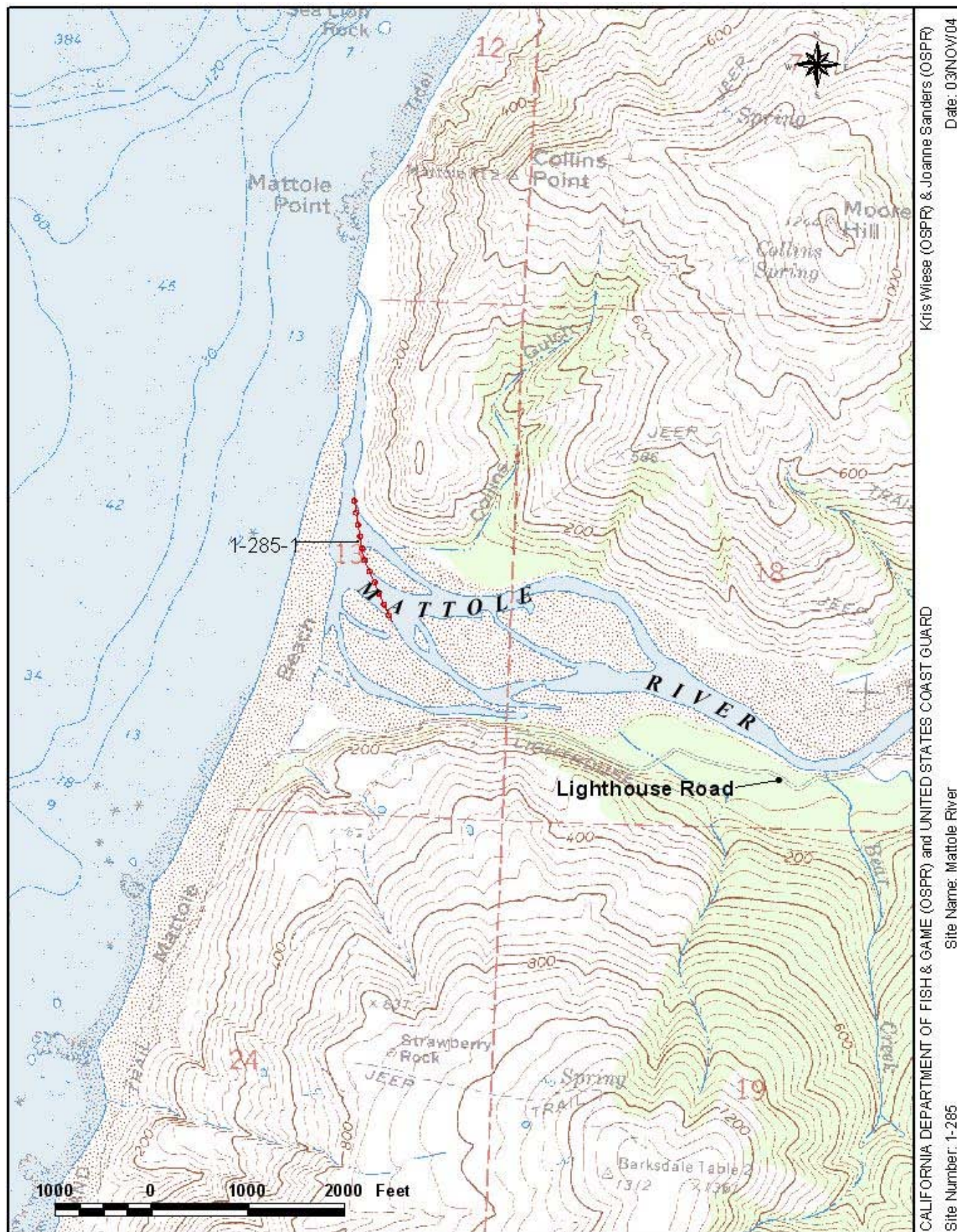
FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Camp ground and toilets at southwest corner. Non-potable water available.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Lost Coast area cell phones may not work.



Kris Wiese (OSPR) & Joanne Sanders (OSPR)

Date: 03NOV/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD

Site Name: Mattole River

Site Number: 1-285

Harbor Boom
 Swamp Boom
 sss / sfs

Sorbent Boom
 Other Boom
 tsa / sps

Dike or Berm
 Excellior Fence
 tba/voo

1-290 -B Site Summary- Cooskie Creek

1-290 -B

County: **Humboldt**
USGS Quad: **Cooskie Creek**

Thomas Guide Location

Latitude N Longitude W
40 12' 30" 124 18'

NOAA Chart: **18623**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Wave-cut platforms and mixed and gravel beach

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Seabirds and shorebirds present

Pacific harbor seal haul outs (01-12)

Steelhead (FSS)

- spawning period (10-03)
- juveniles/smolts (02-05)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-290 -B Site Strategy - Cooksie Creek

County and Thomas Guide Location

Humboldt

NOAA CHART

18623

1-290 -B

Latitude N Longitude W

40 12' 30 124 18'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

high energy shoreline

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

No access.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Lost Coast area cell phones may not work



- | | | | | | |
|-----------|-------------|-----------|--------------|---------|-----------------|
| | Harbor Boom | | Sorbent Boom | | Dike or Berm |
| | Swamp Boom | | Other Boom | | Excellior Fence |
| sss / sfs | | tss / sps | | tba/voo | |

1-294 -A Site Summary- Shubrick Peak

1-294 -A

County: **Humboldt**
USGS Quad: **Shubrick peak**

Thomas Guide Location

Latitude N Longitude W
40 10' 124 12'

NOAA Chart: **18623**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Tidal flat and wave-cut platform

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Seabirds present

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-294 -A Site Strategy - Shubrick Peak

County and Thomas Guide Location

Humboldt

NOAA CHART

18623

1-294 -A

Latitude N

40 10'

Longitude W

124 12'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access via jeep trail through BLM and private lands may be possible. Private landing strip at Big Flat.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

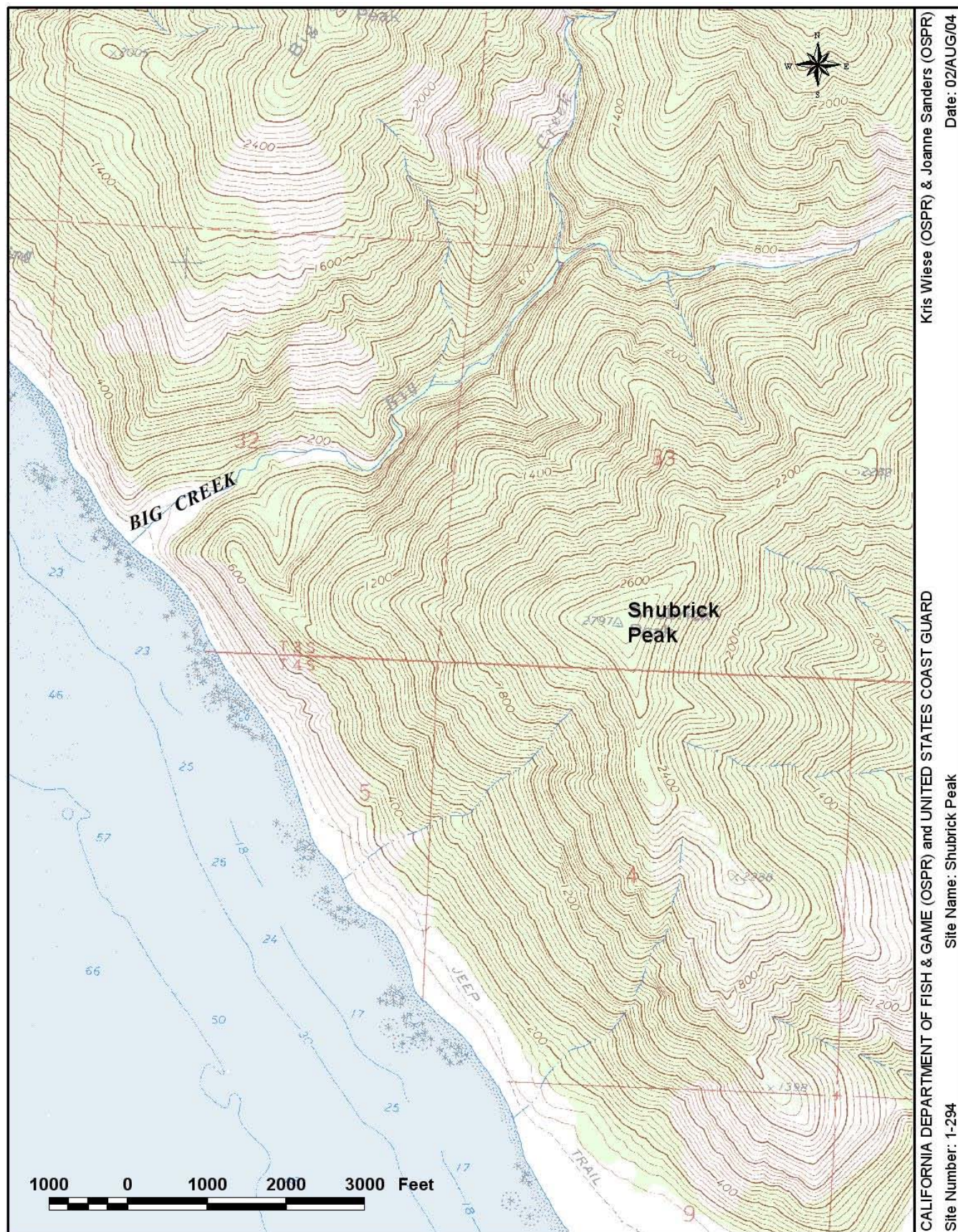
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Lost Coast area cell phones may not work



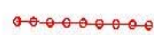
Kris Wiese (OSPR) & Joanne Sanders (OSPR)

Date: 02/AUG/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD

Site Name: Shubrick Peak

Site Number: 1-294



Harbor Boom
Swamp Boom
sss / sfs



Sorbent Boom
Other Boom
tsa / sps



Dike or Berm
Excellior Fence
tba/voo

1-298 -B Site Summary- Shelter Cove and Cormorant Hotel

1-298 -B

County: **Humboldt**
USGS Quad: **Shelter Cove**

Thomas Guide Location

Latitude N Longitude W
40 02' 124 05'

NOAA Chart: **18620**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Rocky headlands.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Shelter Cove is a small, unprotected harbor that is surrounded by high energy beaches and rocky cliffs. Minimal on-scene response during rare low sea state conditons only. The areas coastline and off shore rocks provide potential habitat for sea bird colonies and marine mammal haul outs.

Seabird rookery: Pelagic cormorant (as many as 280 observed)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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ADDITIONAL SITE SUMMARY COMMENTS:

1-298 -B Site Strategy - Shelter Cove and Cormorant Hotel

County and Thomas Guide Location

Humboldt

NOAA CHART

18620

1-298 -B

Latitude N

40 02'

Longitude W

124 05'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Eureka, go south on U.S. hwy 101. Take Redway exit M.P. 11.653. Follow this road to Redway. Turn right onto Shelter Cove - Briceland Road. Continue on this road to Whitethorn Junction (large fork in the road). Do not turn. Continue on Shelter Cove Road into Shelter Cove. Follow the city road paralleling the coastline.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

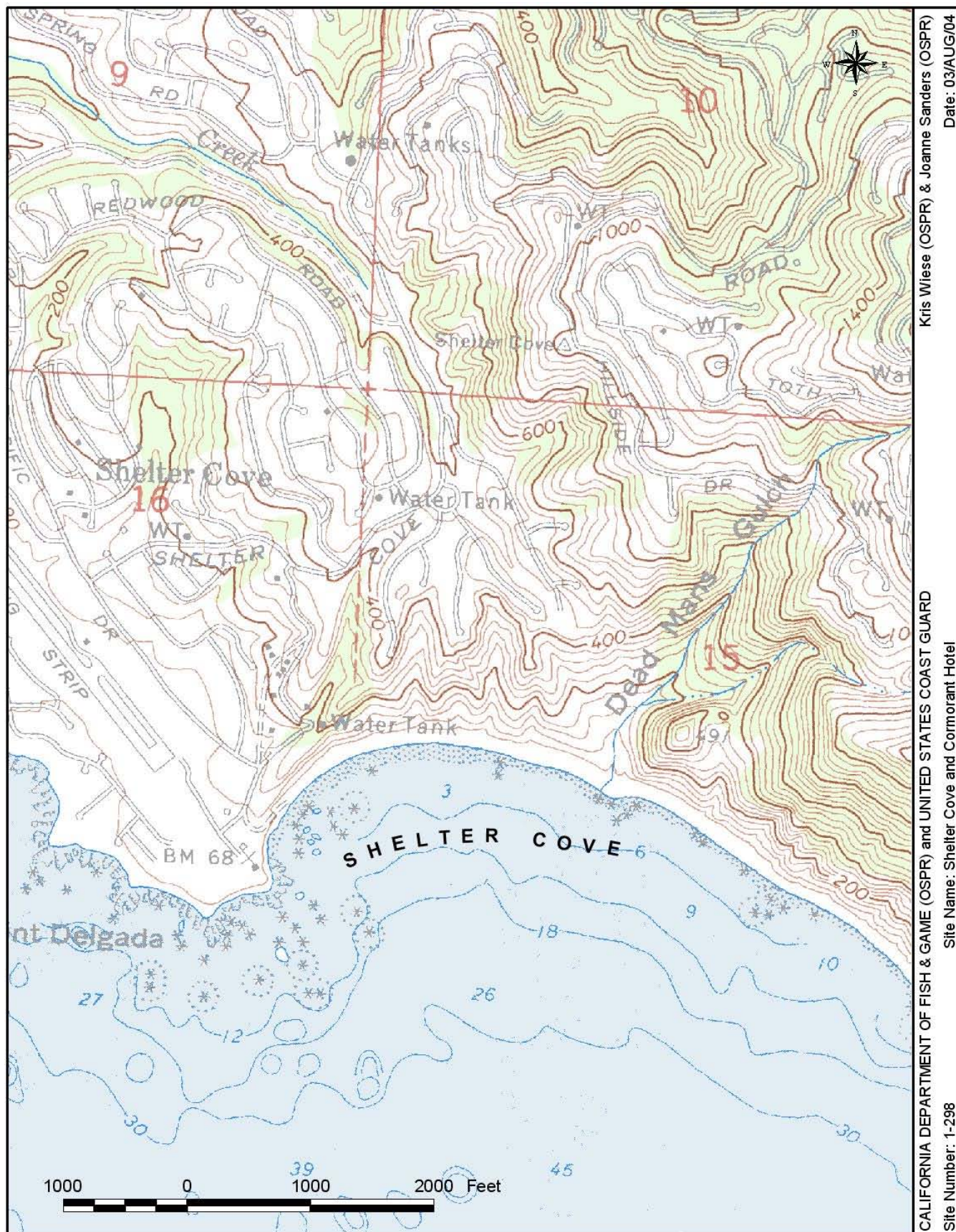
Launching, Loading, Docking

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 03/AUG/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Shelter Cove and Cormorant Hotel

Site Number: 1-298

Harbor Boom
Swamp Boom
sss / sfs

Sorbent Boom
Other Boom
tsa / sps

Dike or Berm
Excellior Fence
tba/voo

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